

ABSTRACT

A vacuum pressure regulator system for use in association with a vacuum system in which a vacuum is employed for healthcare purposes, for assisting in monitoring and regulating the vacuum pressure, and having a manual pressure control valve to adjust the treatment vacuum pressure supplied to the patient, a vacuum pressure sensor to sense the treatment vacuum pressure for the patient in the system, and producing a treatment vacuum pressure signal, a sampling circuit which intermittently samples the pressure signal generated by the pressure sensor and generate sampling signals, an electrically powered pressure display circuit, and digital pressure display, for receiving the sampling signals and providing a visible display, and, a non-mains power supply.